

## Datasheet: MCA4610T

### Product Details

<b>Description:</b>	MOUSE ANTI HUMAN CD15
<b>Specificity:</b>	CD15
<b>Other names:</b>	LEWIS X
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	HI98
<b>Isotype:</b>	IgM
<b>Quantity:</b>	25 µg

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	■			1/5 - 1/10
Immunohistology - Frozen	■			
Immunohistology - Paraffin	■			
Immunohistology - Resin			■	
ELISA			■	
Immunoprecipitation			■	
Western Blotting			■	

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

**Target Species** Human

**Species Cross Reactivity** Reacts with: Chimpanzee

**N.B.** Antibody reactivity and working conditions may vary between species.

**Product Form** Purified IgM liquid

**Preparation** Ig fraction prepared by affinity chromatography

**Buffer Solution** Phosphate buffered saline

**Preservative**

**Stabilisers** 0.09% Sodium Azide (NaN<sub>3</sub>)

**Approx. Protein Concentrations** Ig concentration 0.5mg/ml

**Specificity** MCA4610T recognises human CD15, otherwise known as Lewis X and stagespecific embryonic antigen1 (SSEA1). The CD15 antigen is itself a terminal trisaccharide, Galbeta14 (Fucalpha13) GlcNAc (3FAL), which is found on a variety of glycoproteins and glycolipids. CD15 is predominately expressed by peripheral blood granulocytes and various epithelial tissues. It plays an important role in cell adhesion and has been used as a marker for diagnosis of Hodgkin's lymphoma.

**Flow Cytometry** Use 10ul of the suggested working dilution to label 1x10<sup>6</sup> cells in 100ul. Method sheets are available on request.

**Storage** Store at +4oC or at 20oC if preferred. Storage in frostfree freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

**Shelf Life** 18 months from date of despatch.

**Health And Safety**

Related Products

**Recommended Secondary Antibodies**

Goat Anti Mouse IgM (STAR138...) Alk. Phos.

Goat Anti Mouse IgG IgA IgM (STAR87...) Alk. Phos., HRP

HuCAL Anti Mouse IgM (HCA040...) FITC, HRP

Goat Anti Mouse IgM (STAR86...) FITC, RPE